



Use the scenario to identifying populations and samplings.

**Answers**

- 1) A gaming website wanted to find out which console its visitors owned.  
Which choice **best** represents a population?
- A. Visitors to the 3DS section.
  - B. Visitors who are on the website for more than 5 minutes.
  - C. Visitors over 24.
  - D. All of the website visitors.

- 2) A school principal wants to see which subject the {775} students in his school liked best.  
Which choice **best** represents a sample?
- A. The girls in the school.
  - B. The first 74 students who come into the school.
  - C. All the students in the school.
  - D. The students making a B in math.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

- 3) A restaurant chain wanted to find out how the customer experience was in a store.  
Which choice **best** represents a population?
- A. 275 customers who filled out complaint cards.
  - B. All of the people who ate at the store.
  - C. 281 customers who spent more than \$13.
  - D. 1 out of every 28 customers

- 4) A toy store owner tracking how much kids spend each month on toys.  
Which choice **best** represents a sample?
- A. 276 boys and girls in the toy store.
  - B. All of the kids who buy toys.
  - C. 287 rich kids.
  - D. 254 boys age 7 - 15

- 5) A mayor wanted to see if the people in his town thought he was doing a good job.  
Which choice **best** represents a sample?
- A. The residents of 10 different neighborhoods.
  - B. The residents of the town.
  - C. The people who voted for the mayor.
  - D. The mayor's family.

- 6) A beverage company wanted to see if people in the United States liked their new logo.  
Which choice **best** represents a population?
- A. A selection of shoppers from different states.
  - B. 132 male and female employees
  - C. Every person in the United States.
  - D. 2,589 children age 5 - 15



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- 1. **D**
- 2. **B**
- 3. **B**
- 4. **A**
- 5. **A**
- 6. **C**